

## Quick. Nimble. Spirited.

Introducing the newest addition to iRobot's remarkable ATRV family: the ATRV-Mini. This quick, nimble and tough little robot boasts many of the features of its larger relatives, plus the unique advantages of smaller size and lighter weight. Lean, nimble, speedy, portable and stable, the ATRV-Mini opens up a whole new world of possibilities in innovative robotics research and applications.

What's more, the ATRV-Mini represents a revolutionary leap in indoor-outdoor robotics: It's the first small all-terrain robot designed from the ground up to carry a laser scanner. The ATRV-Mini's laser scanner is cleverly tucked right into the front of the robot, rather than being perched on top - adding elegance, safety and stability to the platform. And with Mobility™, coupled with tightly integrated rFLEX™, getting your ATRV-Mini out of the lab and into the field is a snap.



# ATRV-Mini

### Specifications

Sonar:	16 (6 front, 8 side, 2 rear)
CPU:	Pentium EBX based system
Batteries	2 Lead Acid, 288W-hr total
Run Time:	2 to 4 hours terrain dependent
Charge Time:	4 hours (w/system off)
Translate Speed:	1.5 m/s (4.9'/s)
Rotate Speed:	250°/s
Approach Angle:	45°
Decent Angle:	45°
Motor:	2, 24V DC servo
Drive:	4-wheel differential
Payload:	9.1 kg (20 lbs)
Height:	45 cm (18")
Length:	60.5 cm (23.8")
Weight:	39 kg (86 lbs)
Color:	Research Robot Red or special
Warranty:	2 years parts and labor

### Accessories

- Computer Upgrades
- Memory Upgrades
- Wireless Communications
- 1 to 3Mbps Radio Ethernet
- Vision Systems
- PTZ Vision System
- Monochrome Stereo Imaging System
- Small Vision System
- Vision Components
- Navigation Sensors
- SICK LMS Laser Scanner
- Electronic Compass
- Absolute Orientation Sensor
- Inertial Navigation Sensor
- GPS/DGPS
- Speech Interfaces
- ASCII to Speech RS-232 Box
- Replacement Battery Pack

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**iRobot**<sup>TM</sup>  
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